

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraphs at page 4, lines 1-24 of the specification as follows:

Another disadvantage of the known electrophoretic display unit is that, when the voltage across the pixel is negative with respect to the voltage of the common electrode, and this common voltage is brought to a lower level, the pixel voltage will be brought even further negative. At this point, it is likely that the pixel voltage is lower than the transistor gate voltage. This situation is not stable: if the drain voltage is lower than the gate voltage, the transistor will be turned on and the pixel electrode will increase in voltage until it is roughly at the same level as the gate voltage. As a result, the ink will not be driven with the required negative voltage, and the applied pixel energy will be substantially less than expected.

It is an object of the invention, ~~inter alia, of providing~~ to provide an electrophoretic display unit which can be driven with larger voltage amplitudes across the pixels without the switching elements (~~like~~ for example, transistors etc.) becoming seriously degraded or broken.

The electrophoretic display unit according to the invention comprises

~~_____ The invention is defined by the independent claims. The dependent claims define advantageous embodiments.~~

_____ an electrophoretic display panel comprising a pixel coupled to a pixel electrode;

_____ data driving circuitry for supplying a data pulse to the pixel electrode via a switching element;

_____ a common electrode coupled to the pixel for receiving an alternating voltage signal; and

_____ a controller for controlling the data driving circuitry for supplying a setting signal to the pixel electrode for reducing a voltage across the pixel before a transition of the alternating voltage signal.